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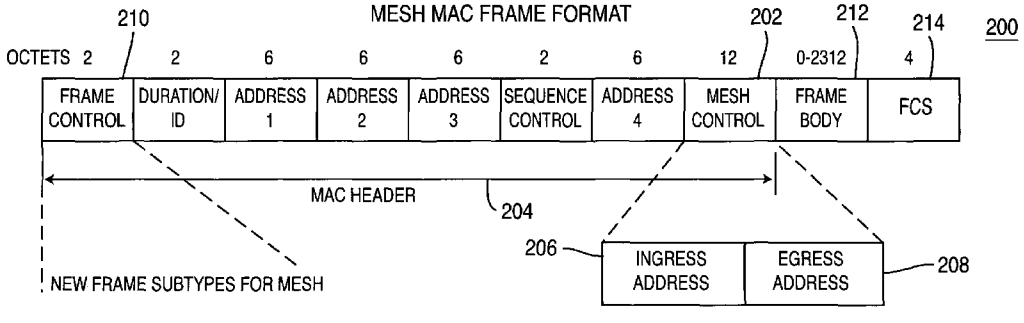
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(54) **Title:** METHOD FOR SENDING AN ACKNOWLEDGEMENT TO AN INGRESS MESH POINT IN A MESH NETWORK AND A MEDIUM ACCESS CONTROL FRAME FORMAT



(57) **Abstract:** The present invention relates to a method for confirming the delivery of a data packet in a mesh network by sending an acknowledgement (ACK) to an ingress mesh point (IMP). A mesh network comprises a plurality of mesh points that are wirelessly linked together. A data packet sent by a station (STA) is received by an IMP. A MAC frame is generated for transmission of the data packet and the frame is forwarded to an egress mesh point (EMP) in order to provide a service by the mesh network. The MAC frame includes a field comprising an IMP address and an EMP address. When the EMP, (or optionally an intermediate mesh point), receives a data packet successfully, the EMP or the intermediate mesh point sends an ACK to the IMP or preceding mesh point.

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